

From: "Coffey, Scott" <CoffeySE@cdmsmith.com>
To: "Sheldrake, Sean" <sheldrake.sean@epa.gov>
CC: "Zhen, Davis" <Zhen.Davis@epa.gov>
"Trump, Julee M." <trumpjm@cdmsmith.com>
younghs@cdmsmith.com
"Greazel, Andrew" <GreazelAD@cdmsmith.com>
"Silvertooth, Jason R." <silvertoothjr@cdmsmith.com>
Date: 4/10/2018 12:20:54 PM
Subject: RE: Portland Harbor Oversight deliberative

Thank you. Agreed. I understand our crew has questioned this on the boat, but field crew were not able to provide much detailed background information.

I think this one is difficult to pin down as an issue or not, so we thought we would first ask some clarifying questions to upper field management coordinators as soon as we started to notice this.

The Pre-RD Group had an opening statement in the Horizontal and Vertical Survey Control SOP copied and pasted below. It has been about 2 weeks, so it's possible the Pre-RD Group is preparing to reaching out to EPA soon to discuss their revisions to methods. If not, these questions will certainly remind them that they need to consult with EPA if they are considering some revision to their horizontal and vertical control methodology.

"The methods and standards proposed in this Standard Operating Procedure (SOP) should be considered provisional and are subject to revision based on a two-week period associated with the initial sampling activities anticipated to begin on or about March 28, 2018. During this period, AECOM will work with project team member David Evans and Associates, Inc. (DEA) and their Oregon Professional Land Surveyor (PLS) staff to validate, methods, controls, and standards. United States Environmental Protection Agency (EPA) Region 10 will be debriefed on the outcome and consulted for approval of any changes or modifications to this SOP."

From: Sheldrake, Sean <sheldrake.sean@epa.gov>
Sent: Tuesday, April 10, 2018 11:22 AM
To: Coffey, Scott <CoffeySE@cdmsmith.com>
Cc: Zhen, Davis <Zhen.Davis@epa.gov>; Trump, Julee M. <trumpjm@cdmsmith.com>; Young, Howard S. <younghs@cdmsmith.com>; Greazel, Andrew <GreazelAD@cdmsmith.com>; Silvertooth, Jason R. <silvertoothjr@cdmsmith.com>
Subject: Re: Portland Harbor Oversight deliberative

Hi Scott, that's fine but I want to emphasize that if there is a significant field sampling plan deviation oversight staff can and should bring that up on the boat the moment of the problem so that we don't start picking up bad data.

Thanks

S

Sean Sheldrake, RPM
Unit Diving Officer
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Sent from my iPhone

On Apr 10, 2018, at 11:05 AM, Coffey, Scott <CoffeySE@cdmsmith.com> wrote:

Davis and Sean.

Our oversight staff believe there are some possible deviations from the Pre-RD Group's surface

sediment FSP as they relate to horizontal control points and position checks being performed by Gravity. We've prepared an email (below) asking Field Coordinators Nicky Moody and Jennifer Pretare some clarifying questions and requests for additional details.

This should maybe go to Ken Tyrell first, but wanted you both to look it over and help direct us on how best to proceed with asking these questions.

Scott

Nicky and Jennifer,

We would like to clarify a few items about the horizontal controls used for position checks for the research vessels and the handheld GPS. The field crews were very helpful, but did not have all the background information. The FSP indicates the research vessels and handheld GPS are required to record the coordinates at PH1 using an offset (if needed) in the morning and the evening in the applicable logbook. It is our understanding that the vessels are taking coordinates at a piling at the Fed Devine dock, which is over ½ mile from the PH1 location, but it is not clear if this somehow falls under the offset statement you included in the FSP.

- Can you clarify how coordinates for this location were established for comparison/check?
- Gravity indicated that these position checks were recorded digitally, but not in a physical log. Can you clarify if this is the plan going forward?
- Is it possible to get a quick summary of the position checks?

Additionally, we understand from field staff that the handheld position check is performed at the lab /warehouse at the intersection of two cracks.

- This appears to be a deviation from the FSP, and would need to be provided to EPA for approval.
- Can you provide additional details on the establishment of this check point?

Please let us know if you have any questions or additional considerations to add.

Thank you,